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PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 28th September 1963

CORRIGENDA

(1)

In the Gazette of India Part III, Section 2, dated 2nd March 1963—In page 86, Column 2, under the heading "Printed Specification Published"—

against group No. (1)

For No. '64269'

Read "74269"

(2)

In the Gazette of India Part III, Section 2, dated 18th May 1963—

In page 203, Column 2, under the heading "Printed Specification Published"—

Against group No. (4)—

For No. "79087"

Read "79081".

(3)

In the Gazette of India Part III, Section 2, dated 19th November 1960—

In page 339, Column 1, under the heading "Registration of Designs"—

Against Class 1. No. 105496—

For "Satypal"

Read "Satyapal".

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

7th September 1963

89776. Mrs. Bimla Mehta. Zip on sari.

89777. Y. G. Jadhav. A method of manufacturing textile jute or like fabric coated with thermoplastic or like synthetic resinous material.

89778. AMP Incorporated. Insulator housing for electrical connector receptacles.

89779. Rohm & Haas Company. Bonded plastic articles.

89780. Carrier Corporation. Turbo-compressor for use in refrigeration systems. (Divisional date 16th January 1963).

89781. H. U. Sohr. Process for the manufacture of sliding clasp fasteners.

9th September 1963

89782. G. Singh. Wire stitching machine.

89783. R. Balasubramanian. Rotary engine.

89784. B. M. Parekh. Double-face electric fan.

L58G1/63

89785. S. Rohatgi. A collapsible ampoule for injection.

89786. Sandoz Ltd. Water soluble reactive dyes. (29th November 1962).

89787. Oxysynthese Societe Anonyme. Production of hydrogen peroxide.

89788. Kawasaki Steel Corporation. Method for producing a cold rolled rimmed steel sheet or strip having non-aging property and superior deep drawability.

89789. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of fireproofing boards of alkali metal silicates containing water and fibers.

89790. Smith Kline & French Laboratories. Improvements in or relating to antibacterial and antifungal compositions.

89791. The Birmingham Small Arms Company Limited. Improvements in cutting tools. (14th September 1962).

89792. Imperial Chemical Industries Limited. Process for modifying the properties of fibrous materials. (21st September 1962).

89793. The English Electric Company Limited. Electrical protective relays. (11th September 1962).

89794. The English Electric Company Limited. Electrical protective relays. (11th September 1962).

89795. Lodge-Cottrell Limited. Improvements in and relating to electrical insulators. (29th September 1962).

89796. Pittsburgh Plate Glass Company. Glass closures and method for treating glass.

89797. Phillips Petroleum Company. Treatment of metal oxide hydrogels.

89798. V. D. Roosa. Fuel pump.

89799. H. G. Schwager. Flyer for cotton-spinning frames.

89800. E. Doring. Full or hollow profile sections, especially for the making of window frames.

89801. Internationale Patents Establishment. Garage lift gate.

10th September 1962

89802. Beso Steel Enterprises. Sofa-cum-bed.

89803. Associated Lead Manufacturers Limited. Improvements in the manufacture of dibasic lead phthalate. (21st September 1962).

89804. The English Electric Company Limited. Electrical protective relays. (11th September 1962).

89805. The English Electric Company Limited. Electrical protective relays. (11th September 1962).

89806. Smith Kline & French Laboratories. Improvements in or relating to new organic compounds.

89807. Dunlop Rubber Company Limited. Wheel slip control device. (13th September 1962).
89808. Bata Shoe Company Private Limited. Improvements in the manufacture of plastic shoes and other articles of footwear. (19th September 1962). [Addition to No. 79714].
89809. Allied Chemical Corporation. Improvements relating to polyurethane cellular material.
89810. Firma Chemische Fabrik Kalk GmbH. Mixtures out of granular or pulverulent substances and out of fine phosphates.
89811. Firma Chemische Fabrik Kalk GmbH. Improvements in or relating to mixtures of liquids or of soft or pasty compositions.
89812. Sperry Rand Corporation. Separable hinge.
89813. Aluminium Laboratories Limited. Improvements in or relating to lubricants.
89814. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of a pyrimidine derivative.
89815. Barbwerke Hoechst Aktiengesellschaft varmals Meister Lucius & Bruning. Piperidine derivatives and their manufacture and use.
89816. Compagnie De Saint-Gobain. Improvements in or relating to the manufacture of flat glass.
89817. Merck & Co., Inc. Synthesis of steroid compounds.
89818. Continental Elektroindustrie Aktiengesellschaft Voigt & Haelfner. Gas-blast switch with low-impedance switch resistors.

11th September 1963

89819. D. S. Naidu. Process for briquetting coke fines and charcoal fines for utilising them as domestic fuel.
89820. Westinghouse Electric Corporation. Improvements in or relating to workpiece shape control with a rolling mill.
89821. Westinghouse Electric Corporation. Improvements in or relating to automatic thickness control for a strip rolling mill.
89822. Sukumar Bose. Interest computing machine.
89823. A. Redniss. Rotary cooler.
89824. American Radiator & Standard Sanitary Corporation. Refrigeration apparatus and method of operation.
89825. The English Electric Company Limited. Electric circuits. (14th September 1962).
89826. Halcon International, Inc. Chemical process.
89827. Halcon International, Inc. Chemical process.
89828. Shell Internationale Research Maatschappij N. V. A process for the preparation of concentrated aqueous dispersions of macromolecular substances.
89829. General Motors Corporation. Earth-scraper vehicle.
89830. Aktiebolaget Bofors. Device for equipment consisting of a stationary part and a movable and rotatable part.
89831. Allmanna Svenska Elektriska Aktiebolaget. Device for stator winding machine.
89832. Imperial Chemical Industries Limited. Improvements in or relating to the storage and use of thermoplastic materials. (3rd January 1963).
89833. A/S Ardal og Sundal Verk. Apparatus for crust breaking.
89834. Pickers Limited. Improvements in or relating to bobbin rim.
89835. Merck & Co., Inc. Process for producing dibenzocycloheptenes.
89836. Merck & Co., Inc. Steroid processes and products.
89837. L. A. Boriolo. Method and apparatus for producing self-sustaining multi-cell textile fabric sheath material.

89838. Standard Telephones and Cables Limited. Electric amplifier.

89839. Fuji Manufacturing Company Limited. Water cooling apparatus.

89840. M-R-S Manufacturing Company. Ejector type scraper.

12th September 1963

89841. P. B. Menon. An improved V-belt.

89842. Gravier Manufacturing Company Limited and Wilkinson Sword Limited. Improvements relating to electrical power sources.

89843. Glaxo Laboratories Limited. Improvements in or relating to antibiotics. (24th September 1962).

89844. Simon-Carves Limited. Improvements in and relating to anchoring means for wire cables. (2nd October 1962).

89845. The Carborundum Company. Improvements in abrasive coated cloth. (25th October 1962).

89846. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. Apparatus for quenching coke from horizontal coking chamber ovens.

89847. E. G. Rensch. Structural unit and structure incorporating same.

89848. Kyoritsu Noki Co., Ltd. An ejection pipe of powder spraying device.

13th September 1963

89849. Associated Electrical Industries Limited. Improvements relating to digital transmission systems. (19th September 1962).

89850. F. J. Marino. Portable loading canopy. (19th September 1962).

89851. R. M. Murphy. Process for treating fluid petroleum coke.

89852. Perfection Steriliser Company. Improvements in bottle washing machines. (13th September 1962).

89853. Union Carbide Corporation. High surface area electrode for alkaline cells.

89854. Brown, Boveri & Company Limited. Alternating current machine with salient pole field system.

89855. Richter Gedeon Vegyeszeti Gyar R. T. Improvements in or relating to steroid derivatives.

89856. American Brake Shoe Company. A brake unit.

Alteration of date

88389. Ante-dated to 11th December 1961 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

78378. Standard Oil Company. Process and apparatus for producing benzoic acid. Accepted on 6th June 1963.

Combination of oxidizes for monoalkylbenzene, conduits for introducing changing stock, liquid benzoic acid mixture, oxygen-containing gas, fractionator for recovering benzoic acid from reaction mixture and indirect heat exchange means for removing heat of reaction from the oxidiser.

79701. Polysius G.M.B.H. Method of reducing the alkali content of cement clinker and apparatus for performing the same. [Addition to No. 75658]. Accepted on 9th September 1963.

Wherein brine formed by leaching dust with water is concentrated by waste heat from kiln.

79714. Bata Shoe Company Private Limited. Improvements in the manufacture of plastic shoes and other articles of footwear. (16th December 1960). Accepted on 9th September 1963.

Feeding ungelled plastisol under pressure and in a fluid condition into an injector, heating the plastisol in the injector and then injecting the fused liquid material into a mould in which the material cools and solidifies.

79915. Whiffen & Sons Limited. Composition containing sulpholanyl phenylhydrazine. Accepted on 12th September 1963.

And a surface active agent, solid carrier and water immiscible solvents.

79757. Laporte Chemicals Limited. Improvements in or relating to processes and apparatus for conducting gas-liquid reactions. (13th December 1960). Accepted on 12th September 1963.

Comprising the steps of conducting the reaction in a reactor in the presence of a suspensible solid catalyst for the reaction, withdrawing liquid reaction product from the reaction together with at least some of the solid catalyst, filtering a portion of this withdrawn liquid reaction product on a filter and recovering the filtrate, sweeping unfiltered withdrawn product over at least a part of the filtering surface of the filter to wash catalyst therefrom, and returning it together with entrained catalysts to the reactor.

80288. J. Martin. Ejection of airman from air craft. (20th January 1961). Accepted on 9th September 1963.

Comprising an ejection gun for initial ejection of seat/airman combination, at least one primary rocket motor for accelerating the combination and at least one auxiliary rocket motor to produce thrust to vary flight path of the combination.

80419. Nihon Spindle Mfg. Co., Ltd. and Nitto Boseki Co. Ltd. Fibrous raw material feeding arrangements for spinning machines. Accepted on 12th September 1963.

A means for feeding fibrous comprises a duct through which fibrous material is conveyed by air stream and a resisting block provided at a branching point of said duct to each of a plurality of receiving means.

80934. W. Glamann. Improvements relating to internal combustion engines. Accepted on 12th September 1963.

A first air compressor in the form of a volumetric fan, a differential gear, a second compressor and a valve and three conduits.

80961. Allied Chemical Corporation. Process for purifying reducible cyclic organic compounds. Accepted on 26th August 1963.

Comprises mixing the cyclic organic compounds with ethylenediaminetetraacetic acid or an alkali metal or ammonium salt thereof, heating the mixture at 80°C and distilling of the said compound.

81135. A. S. Hanjrah. Improvements in or relating to a filing device. Accepted on 9th September 1963.

Consisting of a shelf having a longitudinal slot near its front edge, the said slot being formed by a C-shaped channel and which received therein a tongue extending upwardly attached to a vertical separator member.

81145. Esso Research and Engineering Company. Improvements in or relating to the production of reducing gas from hydrogen-containing fuels and utilizing the same in the ore reducing process. Accepted on 7th September 1963.

Wherein the molar ratio of hydrogen to oxygen in the reaction materials is controlled and maintained within the limits of 1.2 and 1.8.

81199. Sperry Rand Corporation. Electric pulse synchronizing circuit. Accepted on 13th September 1963.

Comprising a voltage source, switch means connected to said source, first and second gate coupled to said switch, a first flip-flop, a second flip-flop, first and second delay lines, an OR gate and a source of clock pulses.

81220. G. Sato. Improvement in multistage rotary compressors. Accepted on 12th September 1963 :

Wherein the intake pressure P_o , final delivery pressure P_n , the number of stages n and the pressure at each stage P_1, P_2 , are according to the formula

$$P_{1-\frac{o}{n}} = C \left(\frac{P_o + P_n - P_o}{n} \right).$$

81248. K. M. Jacob. An electromechanical transmission rail vehicles. Accepted on 13th September 1963.

Converting constant torque output of the primemover to continuously variable torque at the driving wheels of the vehicle.

81258. J. C. Karkaria. Smokeless cast iron chula, fire place for like heating device. Accepted on 11th September 1963.

Having a plurality of cooking holes, each hole being provided with a plurality of concentric reduction rings.

81263. Imperial Chemical Industries Limited. Spinning of polypropylene. (28th March 1961). [Addition to No. 71608]. Accepted on 12th September 1963.

Subjecting isotactic polypropylene to thermal degradation in presence of sulphur compound forming thiyl radicals before extrusion.

81303. Dana Corporation. Improvements in or relating to a mechanical assist device. Accepted on 7th September 1963.

Comprising a movable member operatively connected to the element a preloaded resilient arrangement for biasing movable member a locking construction associated with movable member operative to couple the resilient arrangement to the movable member.

81313. C. S. Rao. Slipovers for bottom turn-ups of trousers. Accepted on 10th September 1963.

The long sides of the two rectangular surfaces of the slipover, are extended into two sets of flaps, one pair of flaps to be inserted into the leg of the trousers, and other pair of flaps to be unfolded.

81327. Societe Alsacienne De Constructions Mecaniques. Weft cutting device for weaving machinery. Accepted on 9th September 1963.

Comprising a cutter blade mounted in a general plane normal to the weft threads so as to cut through the weft threads as the fabric is advanced.

81340. Veb Elektrodenwerk Berlin. Adjustable nozzle (jet) for the manufacture of welding electrode. Accepted on 12th September 1963.

In the passage leading to the nozzle body a knife-like part divides the coating mass entering the nozzle body, said part being swingably mounted around at the core wire.

81398. A. O. Smith Corporation. Method and apparatus for curing plastic tubular bodies. Accepted on 9th September 1963.
Winding a strip of reinforced plastic in uncured state upon a mandrel, moving the same through an oven and establishing relative rotation between the mandrel and the heating oven
81405. Westinghouse Electric Corporation. Improvements in and relating to loadbreak fuse cutouts. Accepted on 7th September 1963.
Includes an auxiliary contact blade forming a general extension of fuse-holder and pivotally mounted adjacent the free end of said fuse holder for engaging auxiliary contact means when the main contact engages other one of line contact assemblies
81407. Merz and McLellan Services Limited. Improvements relating to electric current collectors for overhead supply electric traction systems. Accepted on 9th September 1963.
Including a contact assembly including a member which affords a contact surface extending transverse to the direction of travel and which is flexible or subdivided and is provided with flexible supporting means allowing any point of it to yield to the pressure of the supply wire without moving the whole assembly.
81415. Owens-Corning Fibreglas Corporation. Dielectric panels. Accepted on 10th September 1963.
A metal clad dielectric panel has a main body portion including glass flakes in a proportion by weight between fifty-five and eighty-five per cent, glass flakes being arranged coplanarly
81423. Laporte Chemicals Limited. Process for the preparation of the permonosulphate of sodium, potassium, rubidium, caesium or ammonium (27th March 1961). Accepted on 12th September 1963.
Comprises reacting the bisulphate and hydrogen peroxide the reaction being conducted with the temperature range of 70° to 150° and in such a manner that hydrogen peroxide bisulphate molar ratio is maintained above 1, the vapour phase in contact with the phase containing bisulphate contains 30 moles per cent hydrogen peroxide, and combined partial pressures of hydrogen peroxide and water in vapour phase do not exceed 100 mm Hg
81446. General Electric Company. A fluorescent lamp and a mount therefor. Accepted on 11th September 1963.
Lamps mount comprising a flared stem tube and an exhaust tube extending axially and forming a juncture constituting a vitreous press, lead-in-wires projecting through the press and a blow out aperture formed in one side of the press and communicating with exhaust tube.
81472. Johns-Manville Corporation. Fluid conduit and method of applying a resinous coating to its interior. Accepted on 12th September 1963.
Comprising depositing a hot liquid resin coating on the interior surface of a rotating heated pipe and the pipe is cooled during coating and then curing the coating material.
81485. Institut Français Du Pétrole, Des Carburants Et Lubrifiants. Process for the combined production of butadiene and isoprene. Accepted on 12th September 1963.
By dehydrogenating mixture of saturated olefinic hydrocarbons with 4 C-atoms per molecule at 450-700°C in presence of dehydrogenation catalyst, separating butadiene from reaction mixture, reacting remaining mixture with formaldehyde, and catalytically decomposing dimethyl-metadioxane at over 200°C into isoprene
81539. Rohm & Haas Company. Modified polymeric products. Accepted on 9th September 1963.
Alkylating a film fiber or fabric composed of a polymeric mass having linear polymer molecules and at least one polymerised monoethylenically aromatic compound and linear aliphatic polyene
81577. E. Merck Aktiengesellschaft. Plastic container with detachable closure. Accepted on 10th September 1963.
Container mouth being made from sectile plastic material and provided at its opening with two superjacent outside projecting rings
81636. J. E. deSouza and R. L. Rice. Process of treating and improving tobacco. Accepted on 10th September 1963.
Subjecting tobacco to a non-pressurised one stage extraction with a non-polar, non-chlorofluorinated, hydrocarbon liquid solvent to extract tobacco, nicotine and those constituents which form nicotine and tar content of the smoke
81637. J. E. deSouza, and R. L. Rice. Process for treating cigarette tobacco to increase its filling capacity. Accepted on 11th September 1963.
Subjecting the tobacco to a liquid solvent from group comprising aliphatic, cyclic and aromatic hydrocarbons, alcohols, ketones and the like and combinations of them and removing the solvent.
81647. R. Hattori. Comber brush. Accepted on 9th September 1963.
Maintaining a constant positional relationship between the tips of the bristles of the comber brush and the outer contour surface of the cylinder formed by the outer end edge surfaces of the needle bars
81670. British Titan Products Company Limited. Process for beneficiating an iron-containing titaniferous material (14th April 1961). Accepted on 9th September 1963.
Beneficiating iron-containing titaniferous material by sulphidising treatment in presence of oxygen and thereafter treating the product with iron sulphide
81684. C. S. Rao. Improvements in or relating to pneumatic soles for footwear. Accepted on 13th September 1963.
Characterized in that between the top layer and bottom layer and the side wall, one pocket or cavity, or a plurality of pockets having air or gas at predetermined pressure above the atmospheric level is provided
81731. Technion Research and Development Foundation Limited. Alloy Steels. Accepted on 9th September 1963.
Alloy steel containing 6 to 10% C, .2 to 5% aluminium and 2 to .5% silicon, and carbide stabilisers up to a total at which graphitisation is not hindered and any non-carbide forming elements up to 20%, the balance being iron and impurities
81763. National Research Development Corporation. Improvements in or relating to a rotary electric machine. (20th April 1961). [Addition to No. 69821]. Accepted on 10th September 1963.
Improvement in Indian Specification No. 69821 wherein the desired sinusoidal distribution of pole-amplitudes in each modulation half-wave or the reduction of pole amplitudes at both ends of each half wave is obtained by connecting coils of the same coil-group concerned in opposition to each other in current carrying sense.

81801. Argus Chemical Corporation. Curing epoxidized resins and phenolic ester modifying composition therefor. Accepted on 10th September 1963.
- Curing polyepoxide in the presence of an ester of a phenol.*
81861. Pittsburgh Plate Glass Company. Method of producing unsaturated hydrocarbon chlorides. Accepted on 9th September 1963.
- Chlorinating a saturated hydrocarbon or an incompletely chlorinated derivative thereof or a mixture of these with oxygen and 70—90% of a chlorinating agent in oxy-chlorination catalyst zone at 470°—550°C.*
81898. The Goodyear Tire & Rubber Company. Improvements in lap seam for coated cord fabric tire and method and apparatus for making same. Accepted on 9th September 1963.
- Forming a band of weft cords with a rubber coating, cutting a suitable length with ends parallel to the weft cords and splicing the ends together.*
81942. Dunlop Rubber Company Limited. Resilient cellular articles. Accepted on 9th September 1963.
- Covering a core of resilient synthetic foam material at least on part of its surface by a latex foam material and vulcanising and the manufacture being carried out in a mould.*
81974. Hyderabad Asbestos Cement Products Ltd. Build-in furniture and more particularly to chairs and stools. Accepted on 10th September 1963.
- Casting furniture from a mixture of cement and asbestos fibres in one piece, comprising legs, seat and like and at least one ridge to afford stability.*
81993. Imperial Chemical Industries Limited. Improvements in and relating to anodes for the electrolyses of brine and electrolytic cells containing the same. (8th May 1961). Accepted on 10th September 1963.
- Comprises an operative anode surface of a platinum metal upon mesh made of titanium or a titanium alloy and a pillar of suspending said mesh in the cell and conducting electrolysis current to the mesh the end of the pillar adjacent to the mesh being spaced from the mesh.*
82044. Rohm & Hass Company. Thermoplastic composition and method for preparing a thermoplastic copolymer. Accepted on 11th September 1963.
- Comprises blend of (A) 95 to 60 parts of (1) polyvinyl halide and (2) copolymers of 80% by weight polyvinyl halide with monovinylidene compound, (B) 5—40 parts of copolymerisation product of 60—25 parts of either (a) C_1-C_4 methacrylate or (b) mixture of similar methacrylate with a copolymerisable monomer having single vinylidene group, (c) polymer of alkyl acrylate (C_1-C_4) or (d) copolymer of 80% by weight of similar alkyl acrylate with copolymerisable monomer with single vinylidene group.*
82095. Van Leer Industries Limited. Shipping container having bung-hole construction and method of making the same. Accepted on 7th September 1963.
- A sealing gasket being interposed between bung-hole bushing and container wall.*
82130. "Shell" Research Limited. Improvements in or relating to electrodes and process for making the same. (10th May 1961). Accepted on 12th September 1963.
- To be used in fuel cell and comprises a porous relatively conductive base having a porous relatively non-conductive substrate and a layer of porous relatively conductive material applied to the substrate and carried by this base a layer of carbon black.*
82158. Combustion Engineering, Inc. Method and apparatus for mixing together hot and cold fluids. Accepted on 12th September 1963.
- Comprises the steps of deflecting the first fluid within the chamber to follow a cap-shaped flow therein, distributing the second fluid within the mixing chamber in a plurality of streams of fluid outwardly toward the cap-shaped flow.*
82252. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to circuit arrangements for adjustable volume and contrast control. Accepted on 11th September 1963.
- Variable voltage divider is provided between useful signal output and rectifier, an auxiliary signal, with a frequency which lies outside the useful range.*
82273. Shell Internationale Research Maatschappij N. V. Heating installation for media. Accepted on 10th September 1963.
- Comprises a single row of tubes arranged against the side-walls of the heating chamber and one or more double rows of tubes being arranged inside the said chamber so as to form a plurality of sections and laterally bounded by heater tubes.*
82401. S. A. Glaverbel. Process and device for casting articles of refractory material. Accepted on 9th September 1963.
- Refractory material in the liquid state is distributed within the mould at a level situated between the bottom of latter and its upper portion through at least one orifice independent of the mould.*
82411. Imperial Chemical Industries Limited. Light stabiliser compositions and solid olefine polymer compositions stabilised therewith. (30th May 1961). Accepted on 10th September 1963.
- Comprising aryl ester of aromatic acid and a diester of thiodiglycollic or $\beta\beta^1$ -thio-dipropionic acid.*
82583. Union Tank Car Company. A gas sealing arrangement for storage tanks of the floating roof type. Accepted on 7th September 1963.
- Comprising a gas inflatable means extending between the periphery of the roof and the wall of the field storage tank, and means pneumatically connected to inflatable means and operable in response to temperature change of the gas to maintain the gas in inflatable means at constant pressure.*
82685. Ciba Limited. New vat dyestuffs and process for their manufacture. Accepted on 10th September 1963.
- A vat dyestuff containing at least one acylatable amino group and at least 5 fused rings or at least 2 anthraquinone units is monoacylated at the amino group.*
82687. Herman Pneumatic Machine Company. Method and apparatus for forming a mold. Accepted on 9th September 1963.
- Comprising the steps of moving the flask into an upright position, shifting the flask slightly transversely of its longitudinal axis to predeterminedly align it with the former, and compacting the mold forming material in the flask moving the former vertically upwards.*
82809. Beton-Und Monierbau Aktiengesellschaft. In the manufacture of reinforced concrete, the method for gripping a reinforcement bar and a bar tensioning socket coupling for use in said method. Accepted on 11th September 1963.
- Wherein a tension socket is internally threaded to engage over one end of the bar and is then twisted to upset the grooves in each crest or projection of the profile of the bar.*

82830. The Black-Clawson Company. Screen for paper stock and the like. Accepted on 9th September 1963.
A fixed vertically extending perforate cylindrical screen in the screening chamber defining supply and discharge compartments on opposite sides thereof.
82832. The Black-Clawson Company. Paper machinery. Accepted on 9th September 1963.
A first suction roll within the loop of the pick up felt, a bare roll forming a first nip, a second suction roll forming a nip with the bare roll and means for independently regulating the pressure engagement of each of said suction rolls.
82844. Licentia Patent-Verwaltungs G.m.b.H. A method of insulating electric conductors or strands of electric conductors. (25th April 1962). Accepted on 12th September 1963.
Includes the final step of causing the synthetic resin contained in the tape material, as well as that applied to each layer in course of wrapping process to harden by the application of pressure to the strands of conductors at temperatures of about 120° to 180°C.
82861. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Hair treating composition and process for the manufacture thereof. Accepted on 13th September 1963.
Comprising (a) a polyvinylacetate-polyglycol copolymer, (b) a compound selected from the group consisting of panthenol and panthenol ether and (c) aqueous alcohol.
82975. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to apparatus for evacuating electric filament lamp or discharge tube through a protruding exhaust tube and for sealing off the said exhaust tube. Accepted on 10th September 1963.
Diverging guide members for the current supply leads are provided in which the said leads are elastically bent away from the longitudinal axis of the exhaust tube when the latter is inserted into the said orifice.
83065. R. A. Lines. A self-centering hydraulic reversing valve. (4th July 1961). Accepted on 12th September 1963.
A plurality of spaced outstanding bosses on the spool intermediate its ends slidably engaging the cylindrical bore, a pair of oil seals one in each end of the body.
83107. Vesco Limited. Method of and apparatus for folding and securing flexible material. Accepted on 11th September 1963.
Comprises progressively pressing the said margin from the edge of work towards the free edge, by means of opposed clamping jaws.
83225. Bell & Gossett Company. Self priming centrifugal pump. Accepted on 10th September 1963.
Wherein only each said vane that has its beginning point originating adjacent to the lower downward sweep of the impeller periphery has said beginning point located peripherally forward in relation to the preceding vane.
83254. Molins Machine Company Limited. Mechanical handling apparatus. (21st July 1961). Accepted on 13th September 1963.
Comprising two gripping members for gripping a load object, movable support means for supporting the gripping members and detector means to detect movement of the load object.
83279. Massey-Ferguson Inc. Improvements relating to differential gearing assemblies for vehicles. Accepted on 12th September 1963.
In combination, a differential case, an axle housing having an axle journaled therein, a lockable differential gear in said case, means for locking and unlocking the differential gear,
83287. Ciba Limited. Process for coloring organic products with pigment dyestuffs. Accepted on 11th September 1963.
Colouring high molecular weight organic products with a triazine dyestuff.
83307. Hughes Tool Company. Shirttail hardfacing. Accepted on 9th September 1963.
Narrow head of hard, tough metal adjacent the periphery of the shirttail and providing hardfacing extending upwardly from the upper surface of hard tough metal bead.
83335. C. A. V. Limited. Liquid fuel pumps for internal combustion engines. Accepted on 10th September 1963.
Comprising in combination an axially movable shuttle in the longitudinal passage in the distributor, means for limiting axial movement of the shuttle.
83393. Bureau D'Etudes D'Applications Mecaniques. Shed compensating means in circular looms. Accepted on 12th September 1963.
The connection between means allowing to impact up or down movements to the paddles and the pulling device is direct, the pulling device being constituted by a metallic sliver.
83425. Imperial Chemical Industries Limited. Polymeric compositions of vinyl chloride polymers with epoxy resins. (31st July 1961). Accepted on 7th September 1963.
Comprising (a) thermoplastic material comprising a vinyl chloride polymer containing carboxylic acid or mixture of polymers, (b) an epoxy resin and (c) a hardener for the epoxy resin.
83430. United States Steel Corporation. Particle classifier. Accepted on 12th September 1963.
Comprising a tray supported in a sloping position and having threads and risers forming a series of steps and means operatively connected with the tray for vibrating it.
83528. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Electrodes for alkaline storage batteries. Accepted on 12th September 1963.
The process comprises the steps of treating the electrode grids with a salt of weakly basic metal in aqueous solution and subsequently with an aqueous solution of an alkali metal hydroxide for the purpose of forming the active material in the pores.
83858. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Fibres of crystalline olefin polymers. Accepted on 11th September 1963.
Heating crystalline olefin polymer fibres at 130—300°C, after leaving the spinneret and before stretching.
83881. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to arrangements for recording and reproducing devices. Accepted on 11th September 1963.
For reversing the record carrier, two mutually parallel cylindrical elements, between which is record carrier, are fitted on a supporting member movable in its bearing transversely.
83981. Kaiser Aluminum & Chemical Corporation. Improvements in producing forged shapes of solution heat treatable aluminium alloys. Accepted on 12th September 1963.
Producing forged shapes of solution heat treatable aluminium alloys, the shape being fabricated by forging, solution heating, quenching and aging.
84042. Creed & Company Limited. Perforating apparatus. (8th September 1961). Accepted on 9th September 1963.
Including a plurality of punches a punch operating member for each punch means to move each of operating members from first position to second position, punch selecting means, and means to pivotally oscillate the members about either of the position.

84234. Nippon Rayon Co. Ltd. A process for the manufacture of dyeable polypropylene compositions. Accepted on 11th September 1963.

Blending polypropylene with 0.01 to 25% by weight of at least one compound from bis amides and bisurethanes.

84248. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices for scanning pulsatory signals transmitted non-synchronously in synchronism with a clock pulse generator. Accepted on 10th September 1963.

Comprising a threshold circuit which when the signal level exceeds the threshold value, supplies a control-signal to an input of a coincidence gate, whilst the clock pulse generator supplies a periodic sequence of scanning pulses to a second input of the coincidence gate, which gate supplies a pulse at its output, when the control signal coincides with a scanning pulse.

84302. N. Mastroiilli. A process for the regeneration of cationic resins. Accepted on 11th September 1963.

Regeneration is effected with an acid which is subsequently distilled with a more basic or less volatile acid.

84362. M. A. Nathwani. An improved ball-point pen. Accepted on 7th September 1963.

In which container is provided an ink pad and a metal strip on one side of which a rubber stamp is fixed and on the opposite side of which is provided a piece of metal, plastic or like material, having an inverted U-shaped groove for housing the free end of the refill contained in the barrel.

84462. Compagnie Du Filage Des Metaux Et Des Joints Curty (Cefilac). Method for the hot extrusion of metals and alloys at elevated temperatures. Accepted on 20th September 1963.

Placing between tools and billet an intermediate protective substance and a part of the front billet face and the die entrance being in contact along a toric or truncated conical surface, the axial sections of which having a continuous curvature.

84559. Aluminium-Industrie-Aktien-Gesellschaft. Improvements relating to the production of aluminium. Accepted on 9th September 1963.

Producing aluminium in electrolytic furnace using fluoride electrolyte wherein electrolyte temperature is maintained between 940—960°C, concentration of alumina in fluoride electrolyte being maintained between 5 and 7% by weight above that amount which is combined in cryolite.

84563. Westinghouse Electric Corporation. Improvements in or relating to X-ray apparatus. Accepted on 10th September 1963.

The arrangement of first and second linkage means with respect to one another being such that actuation of the second linkage means by compensating means causes collimator means to be so adjusted as to maintain the selected size of X-ray exposure area constant during the movement of carriage, and is ineffective to affect the adjusted position of first linkage means.

84677. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of joining a metal conductor to a semi-conductor body. Accepted on 12th September 1963.

Joining a metal conductor to a semi-conductor body wherein after completion of thermo-compression bond the junction of the two parts is surrounded with a not readily deformable material.

84850. Pittsburgh Plate Glass Company. Protection of glass surfaces. Accepted on 10th September 1963.

The surface of glass base having coating comprising an amino compound of an amphoteric metal or a mixture of said compounds.

85242. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing magnet cores for use as memory elements and magnet cores manufactured by these methods. Accepted on 10th September 1963.

Characterised in that the relative quantities of the metals in the mass to be sintered, expressed in mol. % of the oxides Li_2O , NiO , Fe_2O_3 , ZnO and CuO are—

2—20 mol. % Li_2O ,

0.5—45 mol. % NiO ,

50—85 mol. % Fe_2O_3 ,

0—3 mol. % ZnO , and

0—8 mol. % CuO .

and that the sintering is carried out at a temperature between 1200°C and 1400°C in air or in a mixture of air and oxygen.

88389. Bata Shoe Company Private Limited. Improvements in apparatus for the manufacture of articles of footwear. [Addition to No. 79714]. [Divisional date 11th December 1961]. Accepted on 9th September 1963.

There being formed between the seal and the bearings of the apparatus a chamber provided with an inlet port for the ingress of compressed air and a low level outlet port through which the plastisol might be expelled in the event of the failure of the seal.

Correction of Clerical Error

(1)

Under Section 62 of the Indian Patents and Designs Act, 1911 certain clerical error occurring in the drawings of Patent application No. 80363 was corrected on the 24th August 1963.

(2)

Under Section 62 of the Indian Patents and Designs Act, 1911 certain clerical error occurring in the application, specification and Letters-Patent in respect of Patent No. 71943 was corrected on 12th June 1963.

Patents Sealed

77095.	77548.	77549.	77575.	77829.	77861.	77862.
78052.	78081.	78454.	78489.	78511.	78515.	78541.
78561.	78564.	78565.	78622.	78780.	78790.	78811.
78859.	78866.	78882.	78921.	78922.	78928.	78961.
78976.	78993.	78994.	78996.	79021.	79023.	79055.
79068.	79077.	79078.	79085.	79098.	79106.	79118.
79160.	79167.	79183.	79186.	79204.	79215.	79265.
79267.	79269.	79312.	79329.	79333.	79362.	79439.
79445.	79490.	79643.	79656.	79693.	79742.	79752.
79821.	79869.	79873.	79922.	80087.	80135.	80196.
80244.	80346.	80359.	80442.	80463.	80581.	80718.
80754.	80761.	80834.	81012.	81522.	81528.	81615.
81776.	81794.	82000.	86414.	87117.		

Amendment Proceedings

The amendment proposed by Woodall-Duckham Construction Company Limited in respect of Patent application No. 73856 as advertised in the Gazette of India Part III, Section 2, dated the 9th February 1963 has been allowed.

Registration of Assignments, Licences, etc.

Assignments, licenses or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

69667—Sulphates Limited.

Renewal Fees Paid

40207.	41924.	41985.	41986.	41993.	42249.	42284.
43724.	43882.	43899.	44374.	45742.	45830.	45886.
45887.	46128.	46173.	46444.	47524.	48025.	48133.
48134.	48135.	48141.	48157.	48208.	48216.	48263.
48290.	48291.	48312.	48313.	48513.	48527.	48588.
48621.	50321.	50490.	50498.	50568.	50641.	50715.
50886.	52242.	52765.	52785.	52795.	52828.	52829.

52880.	52928.	52971.	52983.	53054.	53076.	53082.
53147.	53218.	53353.	53469.	55421.	55514.	55588.
55589.	55642.	55654.	55657.	55674.	55705.	56177.
56336.	56867.	58427.	58433.	58508.	58571.	58573.
58580.	58581.	58593.	58632.	58712.	58718.	58748.
58749.	58781.	58782.	58789.	58825.	58872.	58873.
58912.	58926.	58985.	58986.	58987.	59042.	59201.
59291.	59412.	60142.	60786.	60858.	61052.	61615.
61737.	61751.	61810.	61842.	61861.	61871.	62027.
62028.	63058.	62116.	62193.	62272.	62321.	62335.
63189.	64367.	64550.	65011.	65104.	65167.	65319.
65338.	65383.	65397.	65483.	65502.	65508.	65509.
65514.	65541.	65545.	65562.	65582.	65590.	65661.
65681.	65682.	65701.	65721.	65730.	65744.	65810.
65966.	66102.	66484.	66552.	66757.	67168.	67501.
68799.	68806.	68927.	69018.	69030.	69034.	69044.
69069.	69255.	69268.	69304.	69323.	69349.	69380.
69401.	69402.	69405.	69406.	69422.	69442.	69494.
69499.	69518.	69531.	69575.	69604.	69637.	69649.
69672.	69677.	69844.	69921.	70094.	70146.	70235.
70236.	70237.	70248.	70492.	71087.	71731.	72306.
72710.	72995.	73237.	73240.	73489.	73527.	73533.
73597.	73632.	73657.	73687.	73779.	73780.	73781.
73782.	73818.	74031.	74032.	74206.	75519.	

Cessation of Patents

39781.	41483.	41485.	47404.	47418.	47436.	52068.
52075.	54639.	57496.	57506.	57511.	57553.	61099.
61908.	64276.	64277.	67870.	67890.	67891.	67894.
67902.	67907.	67908.	67909.	67910.	67932.	69509.

Restoration Proceedings**(1)**

Notice is hereby given that an application has been made under Section 16, of the Indian Patents and Designs Act, 1911, for the restoration of the following patent :—

No. 54074—Council of Scientific and Industrial Research.

The Patent ceased on the 19th March 1959, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2, of the Gazette of India, dated the 11th July 1959. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 9th November 1963.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent :—

No. 55139—William Joseph Kruppa and others.

The patent ceased on the 8th August 1962 owing to non-payment of renewal fee within the prescribed time and the cessation of the patent was notified in Part III, Section 2, of the Gazette of India, dated the 18th May 1963. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before 9th November 1963.

(3)

Notice is hereby given that an order was made on the 5th August 1963, restoring the Patent No. 59662, granted to Hasanhbai Hashambhai Mansoori & others for "Modification and improvement in manufacturing the pickers used in the textile industries".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class	1.	No. 118022.	Dalip Singh, Indian National, Putlighar, G. T. Road, Amritsar (Punjab), "Dobbies (textile machinery)", May 3, 1963.
Class	1.	No. 118297.	Gulam Yashin Miya Mohamamed Sheikh, Surat Indian Inhabitant, 4/722, Tower Road, near Allaya Wadi, Surat, Gujarat State, "Insecticide sprayer", June 4, 1963.
Class	3.	No. 118198.	Ramchandra Manikrao Thakoor, Narottam Manikrao Thakoor, Pandurang Manikrao Thakoor, Bhai Manikrao Thakoor, Laxmikant Manikrao Thakoor and Bhavani Manikrao Thakoor, Indian Subjects, 100-F, Kalyandaswadi, Opposite Jai Hind Talkies, Chinchpokli, Bombay-12, Maharashtra, India, "Knob of electric switch", May 25, 1963.
Class	3.	No. 118287.	The Kersons Mfg. Co. of India (Private) Limited, a private limited company incorporated in India under the Indian Companies Act, Gopal Nicas, Lohar Chawl, Bombay-2, State of Maharashtra, India, "Electric switch", May 31, 1963.
Class	3.	No. 118361.	Shree Venkatesh Trading Corporation, an Indian partnership firm, Empress Mahal, Out House, Block No. 6, Dadar, Bombay-14, Maharashtra, "Case for time piece", June 11, 1963.
Class	3.	No. 118373.	Unipol Plastic Industries Private Limited. A Company incorporated under the Companies Act, 649, Nanavati Building, Gandhi Road, City of Ahmedabad, State of Gujarat, India, "Jugs", June 13, 1963.
Class	3.	No. 118436.	Right Product, Indian Partnership Firm, 31/35, Indra Bhuwan, Tadwadi, Chira Bazar, Bombay-2, Maharashtra, "Electric bell push", June 17, 1963.
Class	3.	No. 118476.	Thakar Industries (India), An Indian Partnership Firm, 144, Dharavi Road, Bombay-17, Maharashtra, India, "Lamp shade", June 24, 1963.
Class	3.	No. 118575.	Thakordas Vithaldas Karia. (An Indian Citizen), 102, Shivaji Nagar, Delisle Road, Bombay-13, Maharashtra, India, "Holder for fluorescent tube light", July 6, 1963.
Class	3.	No. 118676.	Bombay Toys, An Indian Partnership firm, 212, Carnac Road, Bombay-2, Maharashtra, India, "Toy pram", July 15, 1963.
Class	3.	No. 118775.	Bombay Toys, An Indian Partnership firm, 212, Carnac Road, Bombay-2, Maharashtra, India, "Toy cart", July 24, 1963.
Class	3.	No. 11876.	Bombay Toys, An Indian Partnership firm 212, Carnac Road, Bombay-2, Maharashtra, India, "Dice container", July 24, 1963.
Class	4.	No. 117606.	Mohammed Sayeed Khan, an Indian citizen, 8, Ramlochan Mallick Street, Calcutta-7, West Bengal, "Bottle", March 27, 1963.
Class	4.	No. 118122.	Arjun Singh, Dream Land, Etawah (U.P.), India, Indian Nationality, "Decorative tablets", May 13, 1963.
Class	4.	No. 118435.	Rama Kant Dubedy, Awadh Narain, Sm. Uma Devi, Shivduitt Mishra, Mahabir Prasad and Manik Lal Mundra, 32/47, Ghumni Bazar, Kanpur, U.P., India, Indian nationals, "Bottles", June 17, 1963.
Class	5.	No. 117707.	Meerson Products, Indian Partnership Firm, Yusuf Building, 3rd Floor, Vir Nariman Road, Bombay-1, Maharashtra, "Containers for eggs", April 8, 1963.
Class	5.	No. 117788.	Geeta Perfumery Works, Indian Partnership Firm, Maska Sath, Itwari, Nagpur-2, (Maharashtra), "Cartons", April 17, 1963.
Class	5.	No. 117871.	Snkaralingh Nadar Valaganapathi Nadar Murugesan, D-118, Nagarhpet, Bangalore-2, (Mysore State), South India, Indian National, "Label", April 24, 1963.
Class	5.	Nos. 117970 and 117971.	B. P. Gupta & Bros., 13, Gour Laha Street, Calcutta-6, West Bengal, Indian Partnership firm, "Label", May 1, 1963.
Class	5.	No. 118167.	Panama Paramount Laboratories, Beri Wala Bagh, Pul Bangash, Delhi-6, Indian Nationality, "Cartons", May 20, 1963.
Class	5.	No. 118673.	Dwarkadas Dagree, an Indian subject, 9, Armenian Street, Calcutta-1, West Bengal, "Label", July 15, 1963.

- Class 5. Nos. 118749 and 118750. Banga Laxmi Bakery, an Indian Partnership concern, 175B, Part Street, Calcutta-17, West Bengal, India, "Wrapper", July 22, 1963.
- Class 13. No. 118141. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", May 15, 1963.
- Class 13. Nos. 118677 to 118682. Shree Ram Mills Ltd., Fergusson Road, Bombay-13, a Company incorporated under the Laws of India, "Textile goods", July 16, 1963.
- Class 13. No. 118835. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", July 25, 1963.
- Class 13. No. 118862. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", July 29, 1963.
- Class 13. Nos. 118863 to 118868. Shree Ram Mills Ltd., Fergusson Road, Bombay-13, a Company incorporated under the Laws of India, "Textile goods", July 29, 1963.
- Class 13. Nos. 118971 to 118975, 118977 and 118978. The Svadeshi Mills Co. Ltd., an Indian Company, Bombay, Bombay House, Bruce Street, Fort, Bombay (Maharashtra), "Textile goods", August 8, 1963.
- Class 13. Nos. 118983 to 118988. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", August 8, 1963.

Class 13. Nos. 119029 to 119036. The Sassoon Spinning & Weaving Co. Ltd., Indian Company, Mafatlal House, Backbay, Reclamation, Bombay-1, "Textile goods", August 16, 1963.

Class 13. No. 119040. Shree Ganesh Dyeing & Printing Works, Kalachowky Road, Bombay-33, Nationality: Indian business concern (Partnership concern), "Textile goods including silks and art silks piecegoods", August 17, 1963.

Class 14. No. 118831. Rajesh Textile Mills Ltd., being the Company registered under the Companies Act, Fergusson Road, Lower Parel, Bombay-13, "Textile goods", July 25, 1963.

Class 14. Nos. 118907, 118908 and 118910 to 118912. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay-1, "Textile goods", July 31, 1963.

Class 14. No. 118970. The Svadeshi Mills Co., Ltd., an Indian Company, Bombay, Bombay House, Bruce Street, Fort, Bombay, (Maharashtra), "Textile goods", August 8, 1963.

Registration of Assignments, Licences, etc.

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration :—

109083—Gurbax Singh Sagoo.

A. JOGARAO

*Controller General of Patents
Designs & Trade Marks*

